

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion is respectfully requested.

Claims 4-22 are currently pending in the present application; Claims 1-3 are canceled by the present amendment; and Claims 4-6 are amended. Support for the amendments is found at least in the originally filed Claims 1-3. Thus, no new matter is added.

Initially, Applicants note that the Information Disclosure Statement (IDS) which was filed on March 23, 2004 has not been acknowledged as considered. Applicants respectfully request acknowledgement of consideration of the references in that IDS by providing Applicants with an initialed form PTO-1449 from that IDS. For convenience, copies of the IDS filed March 23, 2004 and the corresponding date-stamped filing receipt are submitted herewith.

In the outstanding Office Action, Claims 1-3 were rejected under 35 U.S.C. § 103(a) as unpatentable over Sheppard et al. (U.S. Patent No. 6,316,739) in view of Mizuta et al. (U.S. Patent No. 6,100,571); Claims 4-10 were objected to as dependent upon a rejected base claim, but were indicated as allowable if rewritten in independent form including limitations of the base claim and any intervening claims; and Claims 11-22 were indicated as allowable.

Applicants acknowledge with appreciation the indication of allowable subject matter. Accordingly, in view of the present amendment, the grounds for rejection and objection are

moot, and Claims 4-22 are believed to be in condition for formal allowance. An early and favorable reconsideration of this application is therefore requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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(OSMMN 06/04)

EHK/MMS/mca

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Docket No. 250927US2S



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Wataru SAITO, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: POWER SEMICONDUCTOR DEVICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

COPY

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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**LIST OF RELATED CASES**

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
202650US2SRD	6,555,851	04/29/03	MORIZUKA
234294US2SRD DIV	6,689,652	02/10/04	MORIZUKA
241189US2S	10/634,917	08/06/03	SAITO et al.
243033US2SRD CONT	10/673,319	09/30/03	MORIZUKA

DOCKET NO.: 250927US2S



Page 1 of 1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Wataru SAITO, et al.

SERIAL NO: New Application

FILED: HERewith

FOR: POWER SEMICONDUCTOR DEVICE

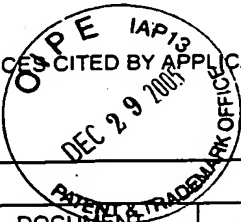
**STATEMENT OF RELEVANCY**

**Reference AO (JP 2002-118122) on Form PTO-1449:**

This reference shows a similar device structure in Fig. 7.

**Reference AP (JP 2001-237250) on Form PTO-1449:**

This reference shows a similar device structure in Fig. 1.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250927US2S		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT 				APPLICANT Wataru SAITO. et al.			
				FILING DATE Herewith		GROUP	
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	6,555,851	04/29/2003	Mayumi MORIZUKA			
	AB	6,689,652	02/10/2004	Mayumi MORIZUKA			
	AC	6,483,135	11/19/2002	Masashi MIZUTA. et al.			
	AD						
	AE						
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	AK						
	AL						
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	AN						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	AO 2002-118122	04/19/2002	JAPAN				X
	AP 2001-237250	08/31/2001	JAPAN				X
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



COPY

RP

Dept.: IP-1/JF

By: MJS/rm

OSMM&N File No. 250927US2S

Serial No. New Application

In the matter of the Application of: Wataru SAITO, et al.

For: POWER SEMICONDUCTOR DEVICE

Due Date: 03/23/04

The following has been received in the U.S. Patent Office on the date stamped hereon:

- 39 pp. Specification 22 Claims/Drawings 5 Sheets and  
2 Pages Application Data Sheet
- Utility Patent Application Transmittal
- Credit Card Form for \$936.00
- Fee Transmittal Form
- Information Disclosure Statement
- Cited References 2
- Statement of Relevancy
- Cited Pending Applications 2
- White Advance Serial Number Card
- Dep. Acct. Order Form
- PTO-1449
- IDS/Related/List of Related Cases

